

**Abstract**

An IR camera and a DV processing unit are disclosed which enable a user to use a standard DV recorder to record an IR film sequence and be able to play it back at a later time, and edit it, without using dedicated software. At the same time, the user  
5 has access to calibration data, enabling him the selection of data and processing of the film using dedicated software. This is achieved by including additional data related to the image processing in the signal, preferably in the part of the signal normally reserved for audio information.